

10587046

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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	DEC 01	ChemPort single article sales feature unavailable
NEWS	3	APR 03	CAS coverage of exemplified prophetic substances enhanced
NEWS	4	APR 07	STN is raising the limits on saved answers
NEWS	5	APR 24	CA/CAPLUS now has more comprehensive patent assignee information
NEWS	6	APR 26	USPATFULL and USPAT2 enhanced with patent assignment/reassignment information
NEWS	7	APR 28	CAS patent authority coverage expanded
NEWS	8	APR 28	ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS	9	APR 28	Limits doubled for structure searching in CAS REGISTRY
NEWS	10	MAY 08	STN Express, Version 8.4, now available
NEWS	11	MAY 11	STN on the Web enhanced
NEWS	12	MAY 11	BEILSTEIN substance information now available on STN Easy
NEWS	13	MAY 14	DGENE, PCTGEN and USGENE enhanced with increased limits for exact sequence match searches and introduction of free HIT display format
NEWS	14	MAY 15	INPADOCDB and INPAFAMDB enhanced with Chinese legal status data
NEWS	15	MAY 28	CAS databases on STN enhanced with NANO super role in records back to 1992
NEWS	16	JUN 01	CAS REGISTRY Source of Registration (SR) searching enhanced on STN

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,  
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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FILE 'HOME' ENTERED AT 12:03:55 ON 17 JUN 2009

=>

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Switching to the Registry File...

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=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 12:04:17 ON 17 JUN 2009

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STRUCTURE FILE UPDATES: 15 JUN 2009 HIGHEST RN 1158168-92-3

DICTIONARY FILE UPDATES: 15 JUN 2009 HIGHEST RN 1158168-92-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

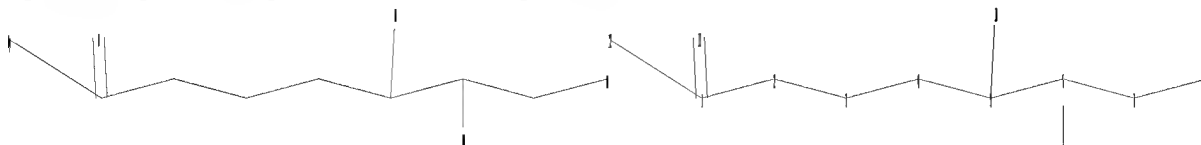
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10587046.str



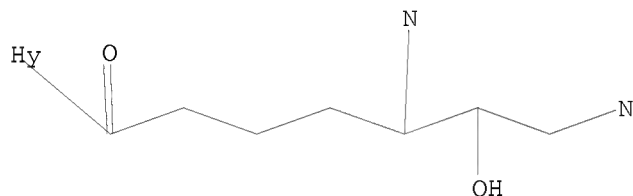
10587046

chain nodes :  
1 2 3 4 5 6 7 8 9 10 11 12  
chain bonds :  
1-2 1-11 1-12 2-3 3-4 4-5 5-6 5-10 6-7 6-9 7-8  
exact/norm bonds :  
1-11 1-12 5-10 6-9 7-8  
exact bonds :  
1-2 2-3 3-4 4-5 5-6 6-7

Match level :  
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS  
10:CLASS 11:CLASS 12:Atom

L1 STRUCTURE UPLOADED

=> d l1  
L1 HAS NO ANSWERS  
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1  
SAMPLE SEARCH INITIATED 12:04:30 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 11868 TO ITERATE

16.9% PROCESSED 2000 ITERATIONS 3 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 230831 TO 243889  
PROJECTED ANSWERS: 103 TO 609

L2 3 SEA SSS SAM L1

=> s l1 sss full  
FULL SEARCH INITIATED 12:04:37 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 237921 TO ITERATE

100.0% PROCESSED 237921 ITERATIONS 438 ANSWERS  
SEARCH TIME: 00.00.15

10587046

L3 438 SEA SSS FUL L1

=> FIL HCAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

185.88

186.10

FILE 'HCAPLUS' ENTERED AT 12:04:55 ON 17 JUN 2009

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FILE COVERS 1907 - 17 Jun 2009 VOL 150 ISS 25

FILE LAST UPDATED: 16 Jun 2009 (20090616/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2009

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L4 4 L3

=> s 14 and py<=2004

25140437 PY<=2004

L5 0 L4 AND PY<=2004

=> d 14 ibib abs tot

L4 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:467208 HCAPLUS

DOCUMENT NUMBER: 148:472388

TITLE: Preparation of amino alcohol derivatives as renin inhibitors

INVENTOR(S): Herold, Peter; Mah, Robert; Marti, Christiane

PATENT ASSIGNEE(S): Speedel Experimenta AG, Switz.

SOURCE: Eur. Pat. Appl., 39pp.

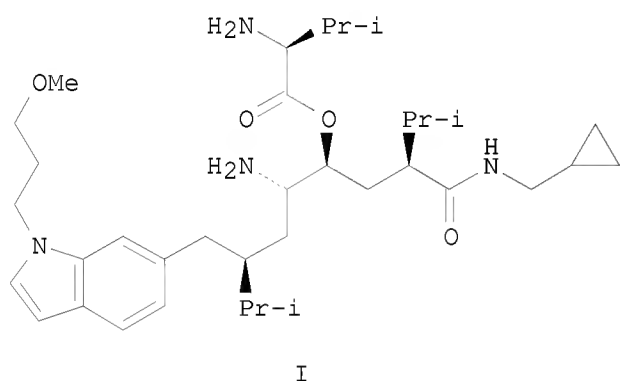
CODEN: EPXXDW

DOCUMENT TYPE: Patent

10587046

LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1911762	A1	20080416	EP 2006-121768	20061004
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
PRIORITY APPLN. INFO.:			EP 2006-121768	20061004
OTHER SOURCE(S):			MARPAT 148:472388	
GI				



AB The invention relates to substituted amino alcs.  
Q-NHCH(CH<sub>2</sub>CR<sub>2</sub>R<sub>3</sub>CH<sub>2</sub>-T)CH(CH<sub>2</sub>-X)O-Z [Q is H, a radical A whereby an amide bond is formed, or CO<sub>2</sub>CHR<sub>6</sub>OCOR<sub>7</sub>; T is R<sub>1</sub>, R<sub>1</sub>CO, or R<sub>1</sub>CONR<sub>5</sub>; X is NR<sub>5</sub>COR<sub>4</sub>, -alkylene-CONR<sub>4</sub>R<sub>5</sub>, or NR<sub>8</sub>R<sub>9</sub>; Z is H or a radical A whereby an ester bond is formed; R<sub>1</sub> is aryl or nitrogen-containing heterocyclyl; R<sub>2</sub>, R<sub>3</sub> are H or alkyl or together are cycloalkyl; R<sub>4</sub> is (un)substituted alkyl, whereby hydroxy groups are optionally substituted by a radical A forming an ester bond; R<sub>5</sub> is H or alkyl; R<sub>6</sub> is optionally carboxy- or hydroxy-substituted alkyl or arylalkyl; R<sub>7</sub> is alkyl; NR<sub>8</sub>R<sub>9</sub> is a ring; A is a mono- or dipeptidic residue of one or two of the 20 natural amino acids; a radical A is present in at least one of R<sub>4</sub>, Q or Z or at least Q is a group of formula CO<sub>2</sub>CHR<sub>6</sub>OCOR<sub>7</sub>] or their pharmaceutically-acceptable salts, including a process for their preparation and use as medicines, in particular as renin inhibitors. The enzymic substrate portion of the compound is simultaneously a substrate for a membrane transporter. Thus, amino acid derivative I bis(trifluoroacetate) was prepared by a multistep sequence involving amide and ester forming reactions.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 2008:353219 HCAPLUS  
DOCUMENT NUMBER: 148:379345  
TITLE: Preparation of nitrate esters of aryl or heterocyclyl aminodiols as cardiovascular agents.  
INVENTOR(S): Herold, Peter; Mah, Robert; Marti, Christiane;

Jotterand, Nathalie  
 PATENT ASSIGNEE(S): Speedel Experimenta AG, Switz.  
 SOURCE: PCT Int. Appl., 72pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008031811	A1	20080320	WO 2007-EP59504	20070911
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2007296250	A1	20080320	AU 2007-296250	20070911
EP 2061751	A1	20090527	EP 2007-820114	20070911
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
PRIORITY APPLN. INFO.:			CH 2006-1453	A 20060912
			WO 2007-EP59504	W 20070911

OTHER SOURCE(S): MARPAT 148:379345  
 AB R1YCH2CR2R3CH2CH(NH2)CH(OH)CH2XVznONO2 [R1 = substituted aryl, heterocyclyl; R2, R3, R4 = H, alkyl; CR2R3 = cycloalkyl; V = A, AOA, arylene, cycloalkylene, etc.; X = NR4CO, ACONR4; A = alkylene; Y = bond, CO, CONR4; Z = Z1U; Z1 = O2C, OCO2; U = (substituted) A, phenylene, etc.; n = 0, 1], were prepared Title compds. inhibited renin with IC50 values in the range of 0.1-100 nM.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2007:81044 HCAPLUS  
 DOCUMENT NUMBER: 146:156280  
 TITLE: Aminoalcohols as therapeutic compounds  
 INVENTOR(S): Herold, Peter; Stutz, Stefan; Tschinke, Vincenzo; Stojanovic, Aleksandar; Marti, Christiane; Quirmbach, Michael; Schumacher, Christoph  
 PATENT ASSIGNEE(S): Speedel Experimenta AG, Switz.  
 SOURCE: Eur. Pat. Appl., 24pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

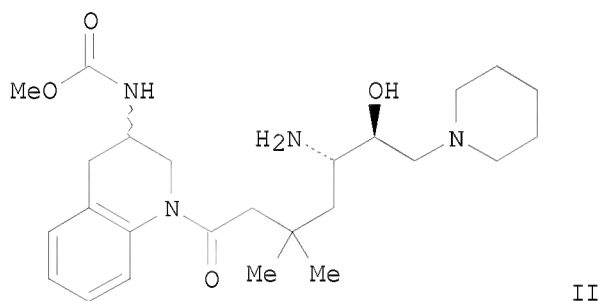
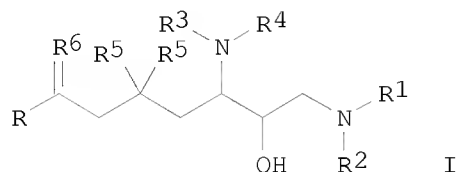
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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EP 1745776 A1 20070124 EP 2006-117471 20060719  
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL,  
BA, HR, MK, YU  
US 20070021400 A1 20070125 US 2006-488860 20060719  
PRIORITY APPLN. INFO.: CH 2005-1210 A 20050720  
OTHER SOURCE(S): MARPAT 146:156280  
AB The present invention relates to the use of aminoalcs. as  
 $\beta$ -secretase, cathepsin D, plasmepsin II and/or HIV protease  
inhibitors. The compds. can be used as a medication for the prevention,  
delay of progression or treatment of Alzheimer's disease, malaria or HIV  
infection.  
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT  
L4 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 2005:696863 HCAPLUS  
DOCUMENT NUMBER: 143:172541  
TITLE: Preparation of diamino alcohols as renin inhibitors  
INVENTOR(S): Herold, Peter; Stutz, Stefan; Stojanovic, Aleksandar;  
Tschinke, Vincenzo; Marti, Christiane; Quirmbach,  
Michael  
PATENT ASSIGNEE(S): Speedel Experimenta A.-G., Switz.  
SOURCE: PCT Int. Appl., 55 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.		KIND	DATE	APPLICATION NO.		DATE
WO 2005070870		A2	20050804	WO 2005-EP50273		20050121
WO 2005070870		A3	20050922			
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,						
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,						
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,						
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,						
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,						
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW						
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,						
AZ, BY, BG, CH, CY, CZ, DE, DK,						
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,						
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,						
MR, NE, SN, TD, TG						
CA 2553836		A1	20050804	CA 2005-2553836		20050121
EP 1711456		A2	20061018	EP 2005-707823		20050121
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,						
IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS						
CN 1910136		A	20070207	CN 2005-80003057		20050121
BR 2005006490		A	20070213	BR 2005-6490		20050121
JP 2007518777		T	20070712	JP 2006-550177		20050121
IN 2006DN04189		A	20070803	IN 2006-DN4189		20060720
US 20090118281		A1	20090507	US 2006-587046		20060724
PRIORITY APPLN. INFO.:				CH 2004-95		A 20040123
				WO 2005-EP50273		W 20050121

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OTHER SOURCE(S): CASREACT 143:172541; MARPAT 143:172541  
GI



AB Title compds. I [R1 = H, amino, OH, etc.; R2 = alkyl, cycloalkyl, alkylsulfonyl, etc.; R3-4 = H, alkyl, alkoxycarbonyl, etc.; R5 = H, alkyl, etc.; R6 = O, two H atoms; R = (un)substituted arylamino, etc.] are prepared For instance, II is prepared in over 10 steps from (S)-4-(3-hydroxy-2,2-dimethylpropyl)-2,2-dimethyloxazolidine-3-carboxylic acid tert-Bu ester, (S)-4-tert-butoxycarbonylamino-5-hydroxypentanoic acid benzyl ester and (1,2,3,4-tetrahydroquinolin-3-yl)carbamic acid Me ester. I are renin inhibitors [no data] useful for the treatment of hypertension, heart failure, glaucoma, cardiac infarction, kidney failure or restenosis.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	23.40	209.50
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-3.28	-3.28

FILE 'REGISTRY' ENTERED AT 12:07:31 ON 17 JUN 2009  
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DICTIONARY FILE UPDATES: 15 JUN 2009 HIGHEST RN 1158168-92-3

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

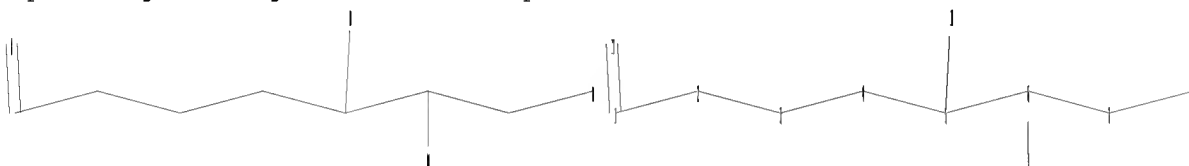
Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10587046a.str



chain nodes :

1 2 3 4 5 6 7 8 9 10 11

chain bonds :

1-2 1-11 2-3 3-4 4-5 5-6 5-10 6-7 6-9 7-8

exact/norm bonds :

1-11 5-10 6-9 7-8

exact bonds :

1-2 2-3 3-4 4-5 5-6 6-7

Match level :

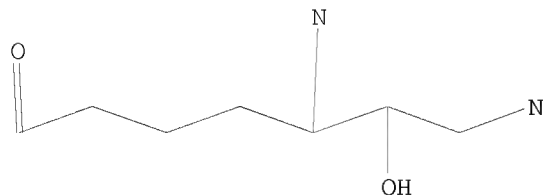
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS  
10:CLASS 11:CLASS

L6 STRUCTURE UPLOADED

=> d 16

L6 HAS NO ANSWERS

L6 STR



10587046

Structure attributes must be viewed using STN Express query preparation.

=> s 16

SAMPLE SEARCH INITIATED 12:08:04 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 11868 TO ITERATE

16.9% PROCESSED 2000 ITERATIONS 3 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 230831 TO 243889  
PROJECTED ANSWERS: 103 TO 609

L7 3 SEA SSS SAM L6

=> s 16 sss full

FULL SEARCH INITIATED 12:08:10 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 237921 TO ITERATE

100.0% PROCESSED 237921 ITERATIONS 455 ANSWERS  
SEARCH TIME: 00.00.03

L8 455 SEA SSS FUL L6

=> FIL HCAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	185.88	395.38
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-3.28

FILE 'HCAPLUS' ENTERED AT 12:08:22 ON 17 JUN 2009

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FILE COVERS 1907 - 17 Jun 2009 VOL 150 ISS 25

FILE LAST UPDATED: 16 Jun 2009 (20090616/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2009

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l8

L9 42 L8

=> s l9 and p/dt

6715749 P/DT

L10 5 L9 AND P/DT

=> s l9 and py<=2004

25140437 PY<=2004

L11 18 L9 AND PY<=2004

=> s l11 and p/dt

6715749 P/DT

L12 1 L11 AND P/DT

=> s l11 and us/pc

1944216 US/PC

L13 0 L11 AND US/PC

=> d l12 ibib abs hitstr tot

L12 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:777833 HCAPLUS

DOCUMENT NUMBER: 139:286312

TITLE: Mapping genes associated with Helicobacter flagellin glycosylation and flagella motility with potential use in diagnosis, drug screening, and therapy of Helicobacter-related disease

INVENTOR(S): Aubry, Annie J.; Logan, Susan M.

PATENT ASSIGNEE(S): National Research Council of Canada, Can.

SOURCE: PCT Int. Appl., 90 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003080654	A2	20031002	WO 2003-CA430	20030326 <--
WO 2003080654	A3	20031113		
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TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003218551 A1 20031008 AU 2003-218551 20030326 <--  
 PRIORITY APPLN. INFO.: US 2002-368015P P 20020326  
 WO 2003-CA430 W 20030326

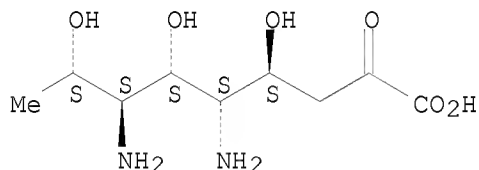
AB This invention relates to mapping genes associated with Helicobacter flagellin glycosylation and flagella motility with potential use in diagnosis, drug screening, and therapy of Helicobacter-related disease. Five open reading frames (ORF) with homol. to bacterial glycosylation genes are investigated for influence over flagellin expression and glycosylation, flagella formation and cell motility in H. pylori. Association of these ORFs with glycan biosynthesis is demonstrated by ORF inactivating mutations that result in accumulation of H. pylori intracellular sugar species. Further, these H. pylori mutants also display decreased flagellin glycosylation, flagella formation and cell motility. As cell motility is linked to virulence of H. pylori, this glycan biosynthesis pathway presents new targets for development of diagnostic or therapeutic agents, in the treatment of H. pylori-related disease.

IT 93973-64-9D, Pseudaminic acid, flagellin A and B conjugates  
 RL: BSU (Biological study, unclassified); BIOL (Biological study)  
 (mapping genes associated with Helicobacter flagellin glycosylation and flagella motility with potential use in diagnosis, drug screening, and therapy of Helicobacter-related disease)

RN 93973-64-9 HCAPLUS

CN L-glycero-L-manno-2-Nonulosonic acid, 5,7-diamino-3,5,7,9-tetradeoxy- (CA INDEX NAME)

Absolute stereochemistry.



=> d l10 ibib abs tot

L10 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:467208 HCAPLUS

DOCUMENT NUMBER: 148:472388

TITLE: Preparation of amino alcohol derivatives as renin inhibitors

INVENTOR(S): Herold, Peter; Mah, Robert; Marti, Christiane

PATENT ASSIGNEE(S): Speedel Experimenta AG, Switz.

SOURCE: Eur. Pat. Appl., 39pp.

CODEN: EPXXDW

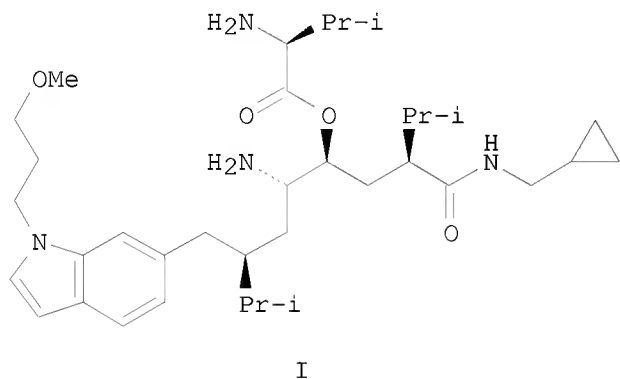
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1911762	A1	20080416	EP 2006-121768	20061004
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
PRIORITY APPLN. INFO.:			EP 2006-121768	20061004
OTHER SOURCE(S):			MARPAT 148:472388	
GI				



AB The invention relates to substituted amino alcs. Q-NHCH(CH<sub>2</sub>CR<sub>2</sub>R<sub>3</sub>CH<sub>2</sub>-T)CH(CH<sub>2</sub>-X)O-Z [Q is H, a radical A whereby an amide bond is formed, or CO<sub>2</sub>CHR<sub>6</sub>OCOR<sub>7</sub>; T is R<sub>1</sub>, R<sub>1</sub>CO, or R<sub>1</sub>CONR<sub>5</sub>; X is NR<sub>5</sub>COR<sub>4</sub>, -alkylene-CONR<sub>4</sub>R<sub>5</sub>, or NR<sub>8</sub>R<sub>9</sub>; Z is H or a radical A whereby an ester bond is formed; R<sub>1</sub> is aryl or nitrogen-containing heterocyclyl; R<sub>2</sub>, R<sub>3</sub> are H or alkyl or together are cycloalkyl; R<sub>4</sub> is (un)substituted alkyl, whereby hydroxy groups are optionally substituted by a radical A forming an ester bond; R<sub>5</sub> is H or alkyl; R<sub>6</sub> is optionally carboxy- or hydroxy-substituted alkyl or arylalkyl; R<sub>7</sub> is alkyl; NR<sub>8</sub>R<sub>9</sub> is a ring; A is a mono- or dipeptidic residue of one or two of the 20 natural amino acids; a radical A is present in at least one of R<sub>4</sub>, Q or Z or at least Q is a group of formula CO<sub>2</sub>CHR<sub>6</sub>OCOR<sub>7</sub>] or their pharmaceutically-acceptable salts, including a process for their preparation and use as medicines, in particular as renin inhibitors. The enzymic substrate portion of the compound is simultaneously a substrate for a membrane transporter. Thus, amino acid derivative I bis(trifluoroacetate) was prepared by a multistep sequence involving amide and ester forming reactions.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2008:353219 HCAPLUS  
 DOCUMENT NUMBER: 148:379345  
 TITLE: Preparation of nitrate esters of aryl or heterocyclyl aminodiols as cardiovascular agents.  
 INVENTOR(S): Herold, Peter; Mah, Robert; Marti, Christiane; Jotterand, Nathalie  
 PATENT ASSIGNEE(S): Speedel Experimenta AG, Switz.  
 SOURCE: PCT Int. Appl., 72pp.

CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008031811	A1	20080320	WO 2007-EP59504	20070911
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2007296250	A1	20080320	AU 2007-296250	20070911
EP 2061751	A1	20090527	EP 2007-820114	20070911
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
PRIORITY APPLN. INFO.:			CH 2006-1453	A 20060912
			WO 2007-EP59504	W 20070911

OTHER SOURCE(S): MARPAT 148:379345  
 AB R1YCH2CR2R3CH2CH(NH2)CH(OH)CH2XVZnONO2 [R1 = substituted aryl, heterocyclyl; R2, R3, R4 = H, alkyl; CR2R3 = cycloalkyl; V = A, AOA, arylene, cycloalkylene, etc.; X = NR4CO, ACONR4; A = alkylene; Y = bond, CO, CONR4; Z = Z1U; Z1 = O2C, OCO2; U = (substituted) A, phenylene, etc.; n = 0, 1], were prepared Title compds. inhibited renin with IC50 values in the range of 0.1-100 nM.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:81044 HCAPLUS

DOCUMENT NUMBER: 146:156280

TITLE: Aminoalcohols as therapeutic compounds

INVENTOR(S): Herold, Peter; Stutz, Stefan; Tschinke, Vincenzo; Stojanovic, Aleksandar; Marti, Christiane; Quirnbach, Michael; Schumacher, Christoph

PATENT ASSIGNEE(S): Speedel Experimenta AG, Switz.

SOURCE: Eur. Pat. Appl., 24pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

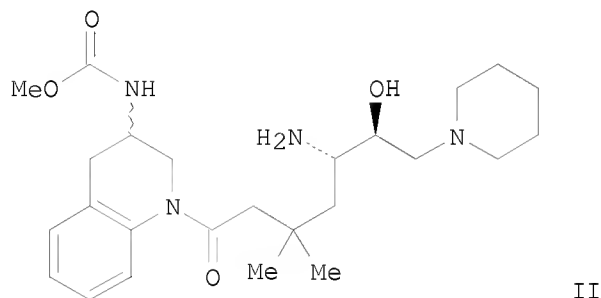
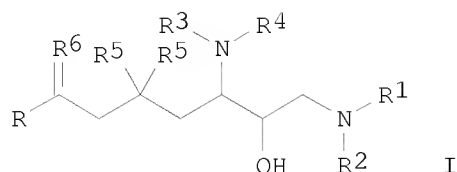
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1745776	A1	20070124	EP 2006-117471	20060719
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				

IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL,  
 BA, HR, MK, YU  
 US 20070021400 A1 20070125 US 2006-488860 20060719  
 PRIORITY APPLN. INFO.: CH 2005-1210 A 20050720  
 OTHER SOURCE(S): MARPAT 146:156280  
 AB The present invention relates to the use of aminoalcs. as  
 $\beta$ -secretase, cathepsin D, plasmepsin II and/or HIV protease  
 inhibitors. The compds. can be used as a medication for the prevention,  
 delay of progression or treatment of Alzheimer's disease, malaria or HIV  
 infection.  
 REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2005:696863 HCAPLUS  
 DOCUMENT NUMBER: 143:172541  
 TITLE: Preparation of diamino alcohols as renin inhibitors  
 INVENTOR(S): Herold, Peter; Stutz, Stefan; Stojanovic, Aleksandar;  
 Tschinke, Vincenzo; Marti, Christiane; Quirnbach,  
 Michael  
 PATENT ASSIGNEE(S): Speedel Experimenta A.-G., Switz.  
 SOURCE: PCT Int. Appl., 55 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005070870	A2	20050804	WO 2005-EP50273	20050121
WO 2005070870	A3	20050922		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2553836	A1	20050804	CA 2005-2553836	20050121
EP 1711456	A2	20061018	EP 2005-707823	20050121
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS			
CN 1910136	A	20070207	CN 2005-80003057	20050121
BR 2005006490	A	20070213	BR 2005-6490	20050121
JP 2007518777	T	20070712	JP 2006-550177	20050121
IN 2006DN04189	A	20070803	IN 2006-DN4189	20060720
US 20090118281	A1	20090507	US 2006-587046	20060724
PRIORITY APPLN. INFO.:			CH 2004-95	A 20040123
			WO 2005-EP50273	W 20050121
OTHER SOURCE(S):	CASREACT 143:172541; MARPAT 143:172541			
GI				



AB Title compds. I [R1 = H, amino, OH, etc.; R2 = alkyl, cycloalkyl, alkylsulfonyl, etc.; R3-4 = H, alkyl, alkoxycarbonyl, etc.; R5 = H, alkyl, etc.; R6 = O, two H atoms; R = (un)substituted arylamino, etc.] are prepared For instance, II is prepared in over 10 steps from (S)-4-(3-hydroxy-2,2-dimethylpropyl)-2,2-dimethylloxazolidine-3-carboxylic acid tert-Bu ester, (S)-4-tert-butoxycarbonylamino-5-hydroxypentanoic acid benzyl ester and (1,2,3,4-tetrahydroquinolin-3-yl)carbamic acid Me ester. I are renin inhibitors [no data] useful for the treatment of hypertension, heart failure, glaucoma, cardiac infarction, kidney failure or restenosis.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:777833 HCAPLUS

DOCUMENT NUMBER: 139:286312

TITLE: Mapping genes associated with Helicobacter flagellin glycosylation and flagella motility with potential use in diagnosis, drug screening, and therapy of Helicobacter-related disease

INVENTOR(S): Aubry, Annie J.; Logan, Susan M.

PATENT ASSIGNEE(S): National Research Council of Canada, Can.

SOURCE: PCT Int. Appl., 90 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003080654	A2	20031002	WO 2003-CA430	20030326
WO 2003080654	A3	20031113		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,



CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,  
 PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,  
 TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003218551 A1 20031008 AU 2003-218551 20030326  
 PRIORITY APPLN. INFO.: US 2002-368015P P 20020326  
 WO 2003-CA430 W 20030326

AB This invention relates to mapping genes associated with Helicobacter flagellin glycosylation and flagella motility with potential use in diagnosis, drug screening, and therapy of Helicobacter-related disease. Five open reading frames (ORF) with homol. to bacterial glycosylation genes are investigated for influence over flagellin expression and glycosylation, flagella formation and cell motility in H. pylori. Association of these ORFs with glycan biosynthesis is demonstrated by ORF inactivating mutations that result in accumulation of H. pylori intracellular sugar species. Further, these H. pylori mutants also display decreased flagellin glycosylation, flagella formation and cell motility. As cell motility is linked to virulence of H. pylori, this glycan biosynthesis pathway presents new targets for development of diagnostic or therapeutic agents, in the treatment of H. pylori-related disease.

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
57.69	453.07

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-4.92	-8.20

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STN INTERNATIONAL LOGOFF AT 12:15:52 ON 17 JUN 2009